

FIG. 1

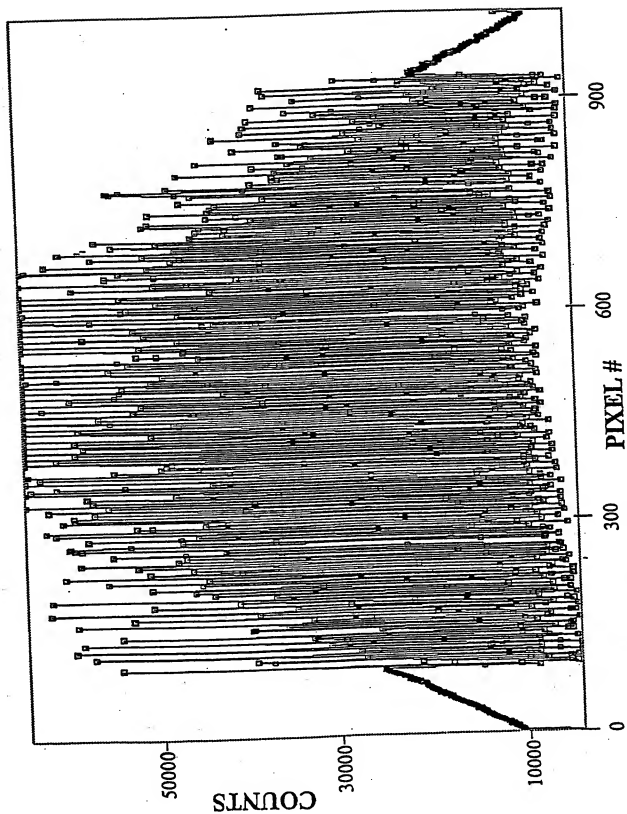


FIG. 2A

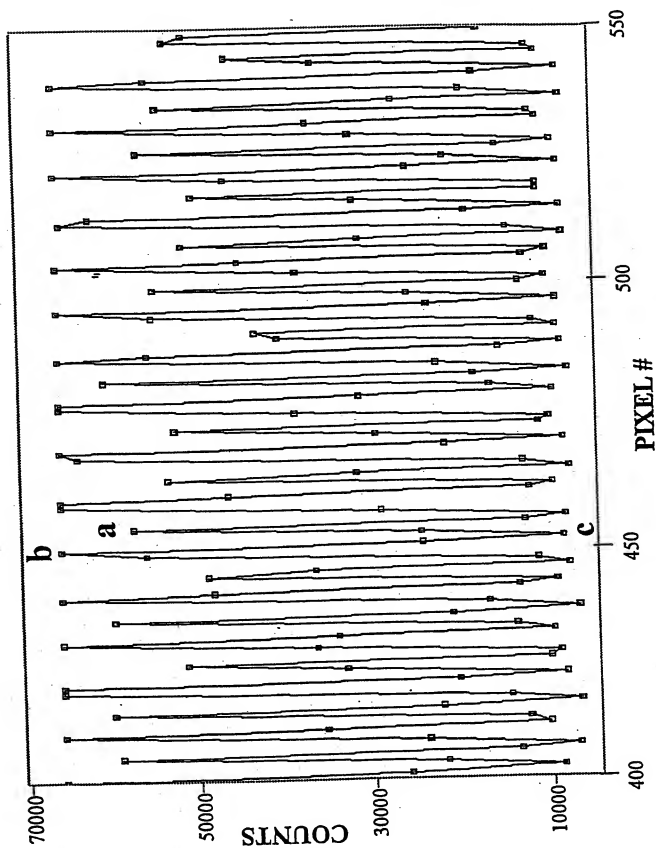


FIG. 2B

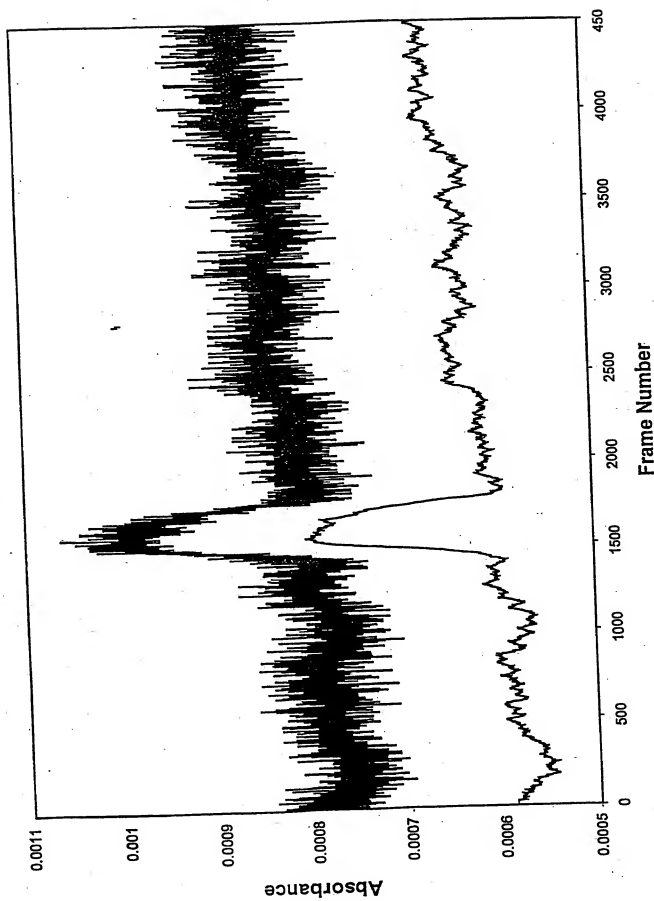


FIG. 3

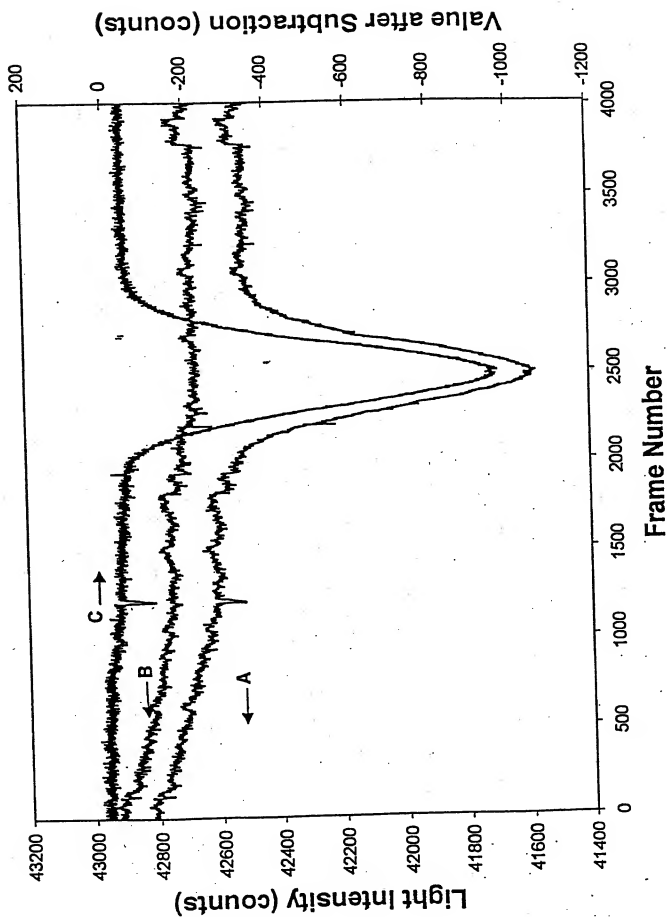


FIG. 4

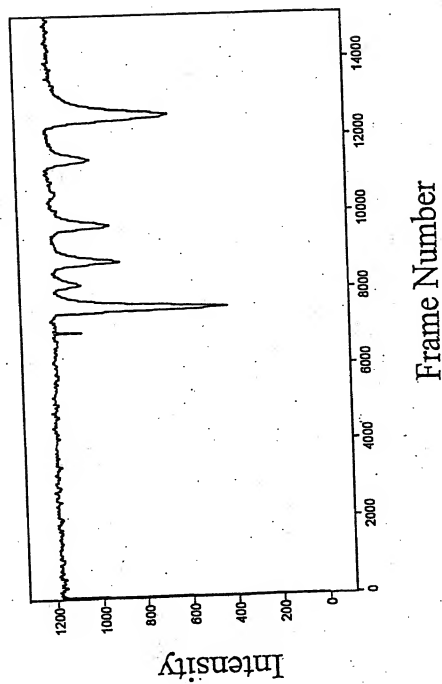


FIG. 5

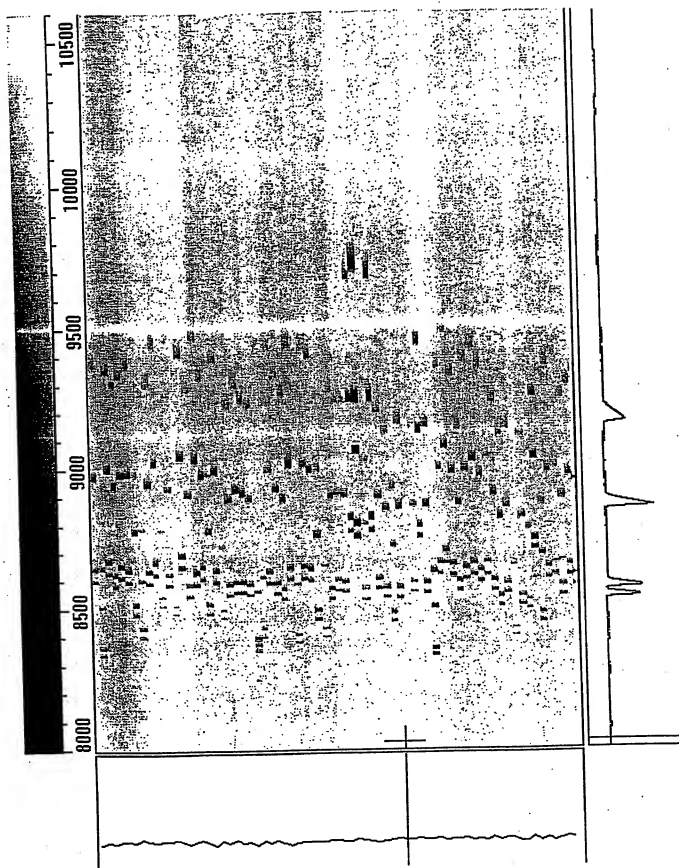


FIG. 6

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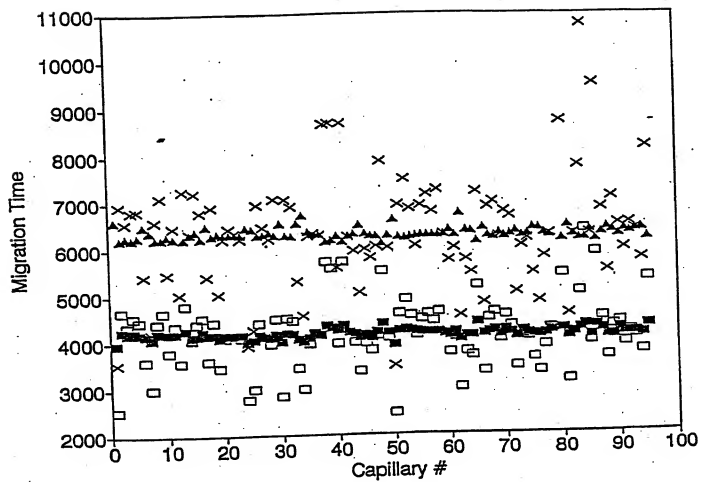


FIG. 7

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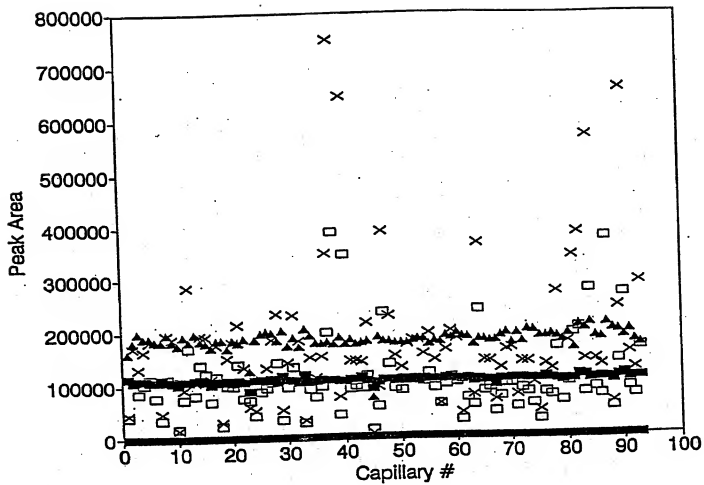


FIG. 8

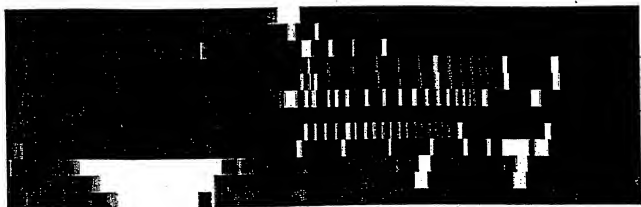


FIG. 9

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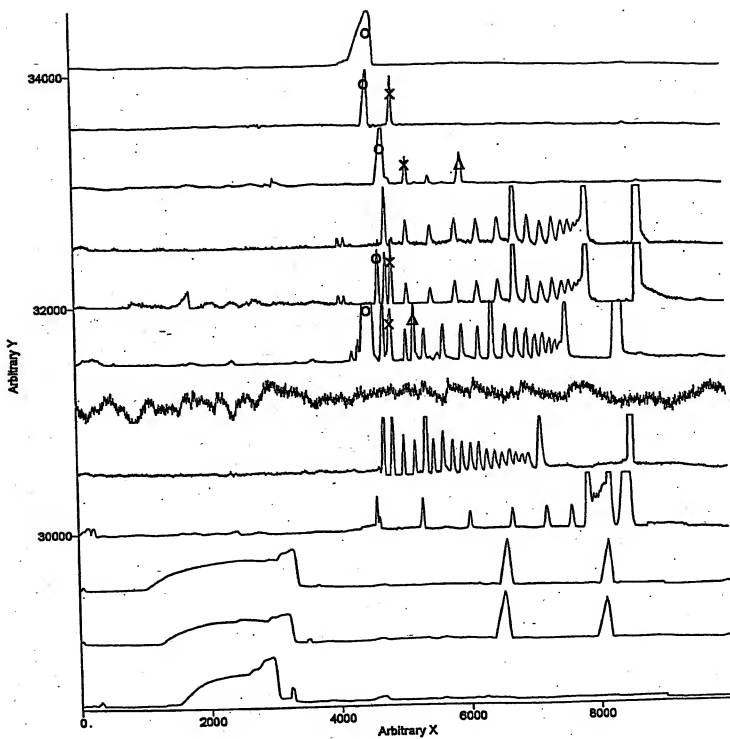


FIG. 10

1	11	21	31
H ₂ N-L-I-V-T-Q-T-M-K-G-L-D-I-Q-K-V-A-G-T-W-Y-S-L-A-M-A-S-D-I-S-L-L-D-A-Q-S-A-P-L-R-			
41	51	61	71
V-Y-V-E-E-L-K-P-T-P-E-G-D-L-E-I-L-L-Q-K-W-E-N-G-E-C-A-Q-K-K-I-I-A-E-K-T-K-I-P-A-			
81	91	101	111
V-F-K-I-D-A-L-N-E-N-K-V-L-V-L-D-T-D-Y-K-K-Y-L-L-F-C-M-E-N-S-A-E-P-E-Q-S-L-A-C-Q-			
121	131	141	151
C-L-V-R-T-P-E-V-D-D-E-A-L-E-K-F-D-K-A-L-K-A-L-P-M-H-I-R-L-S-F-N-P-T-Q-L-E-E-Q-C-			
161			
H-I-COOH			

FIG. 11

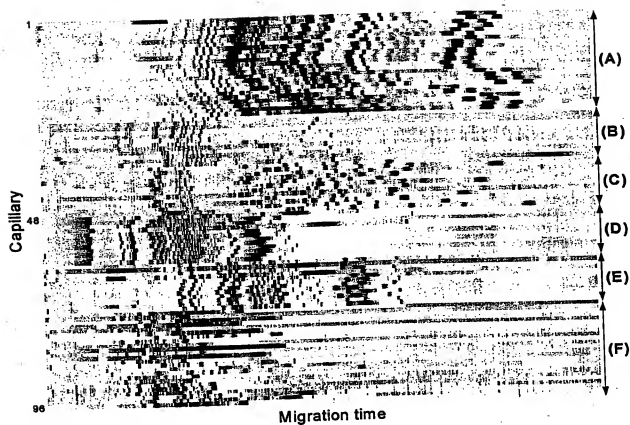


FIG. 12

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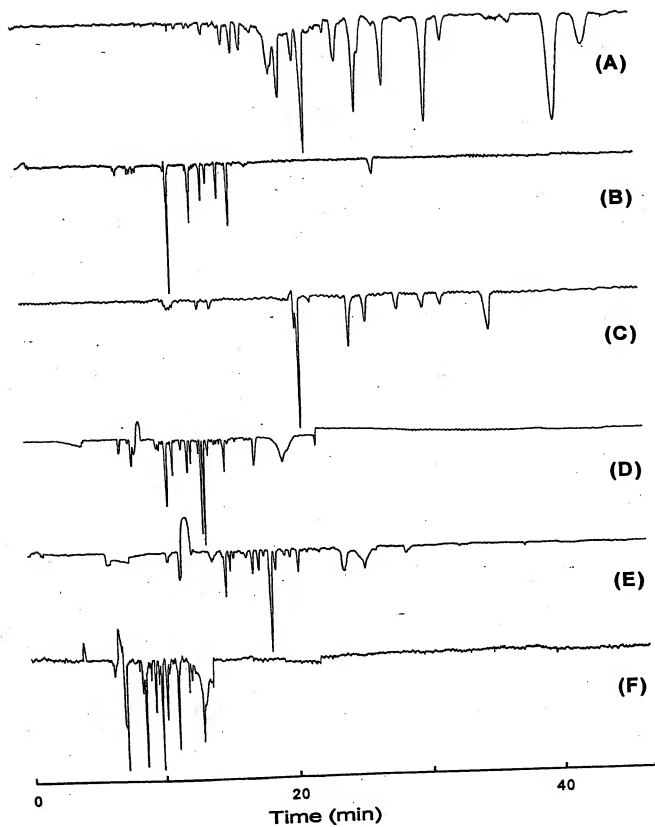


FIG. 13

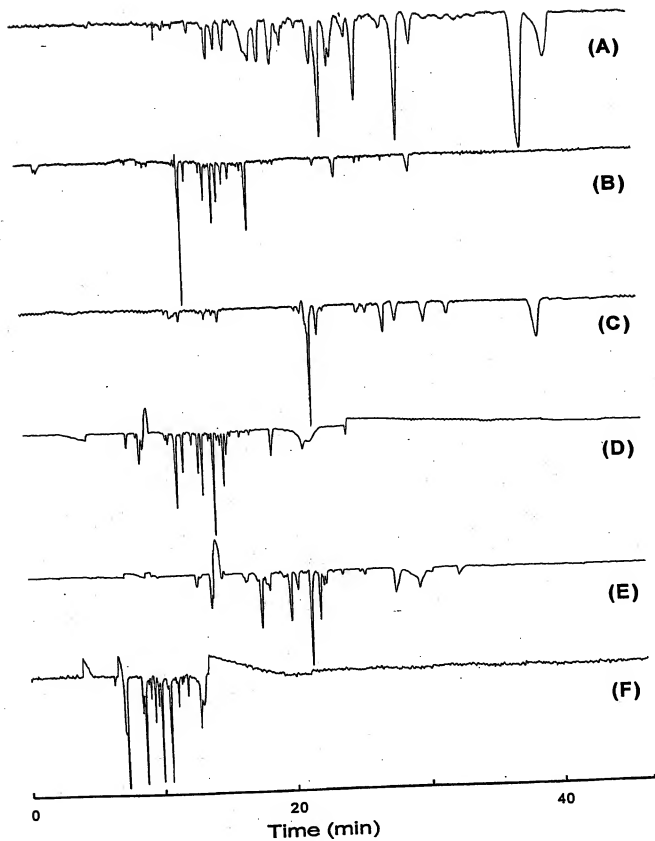


FIG. 14

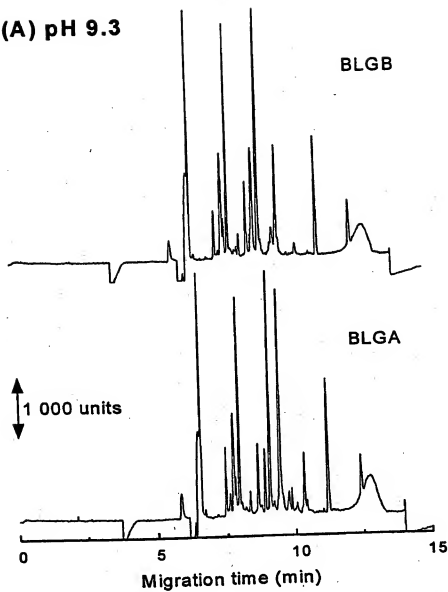
(A) pH 9.3

FIG. 15A

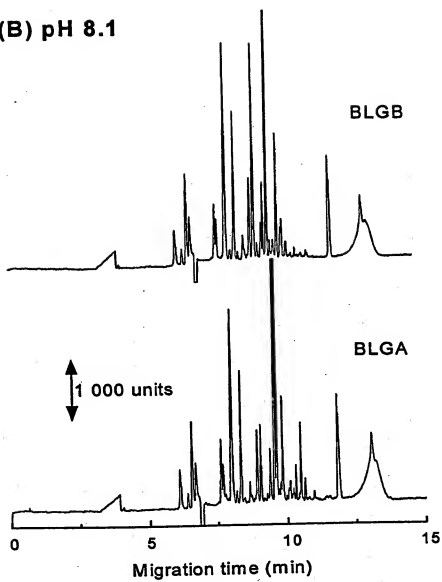
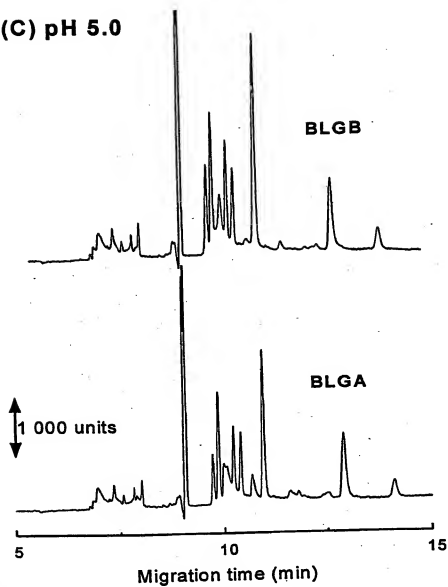
(B) pH 8.1

FIG. 15B

(C) pH 5.0**FIG. 15C**

(D) pH 2.5

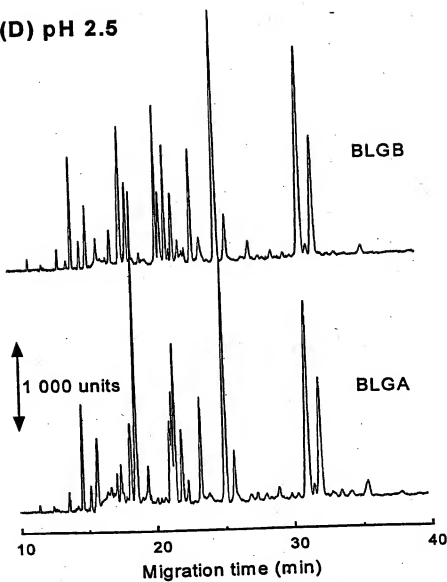


FIG. 15D

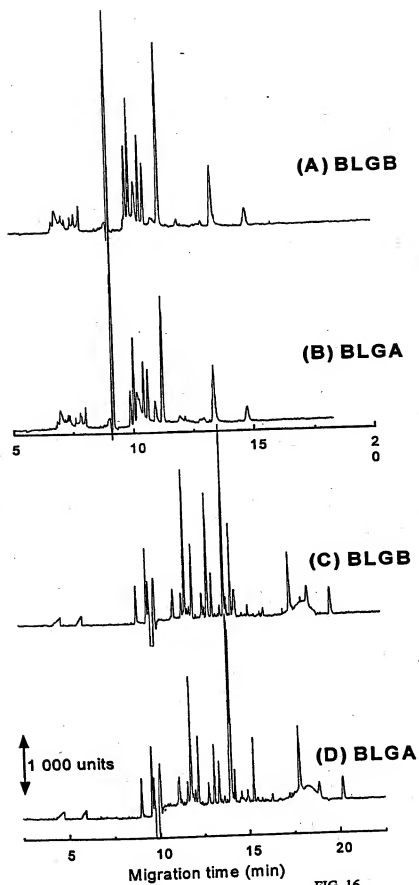


FIG. 16

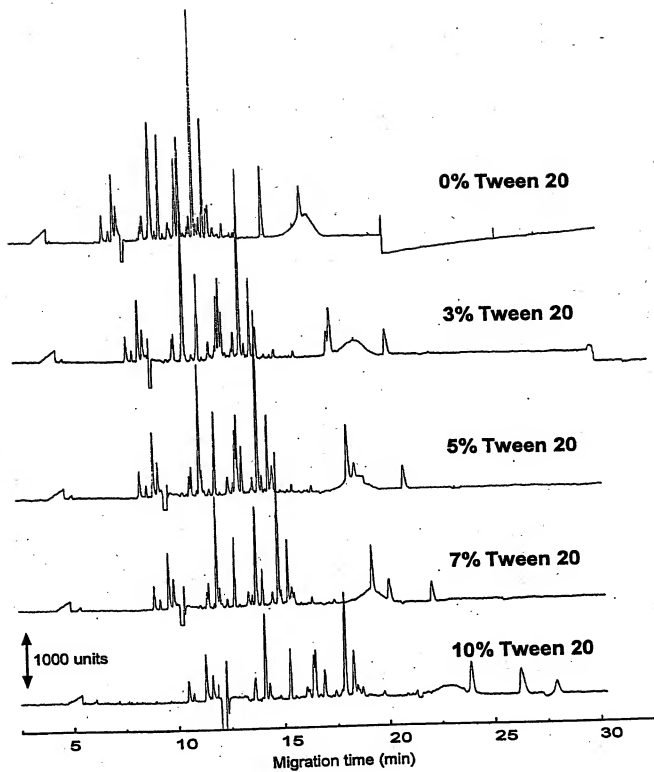


FIG. 17

Electrokinetic Injection Results

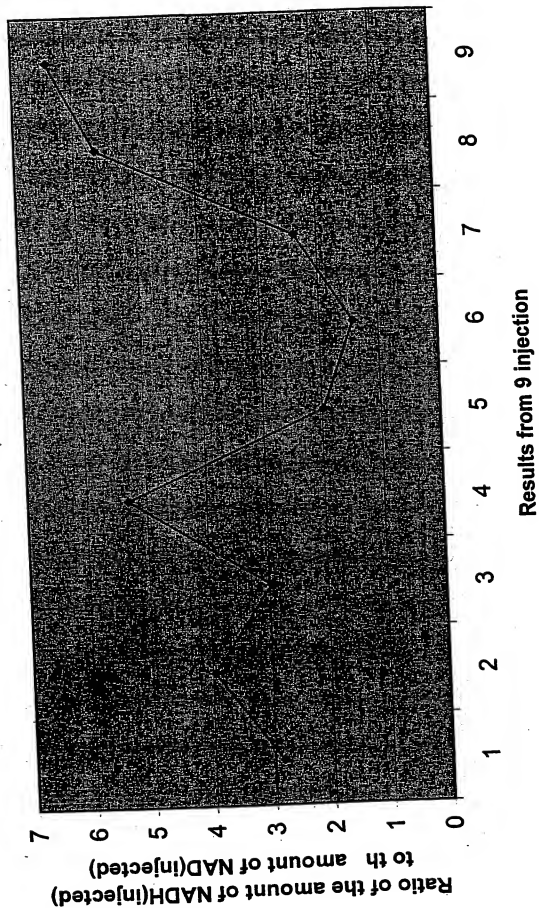


FIG. 18A

Hydrodynamic Injection Results

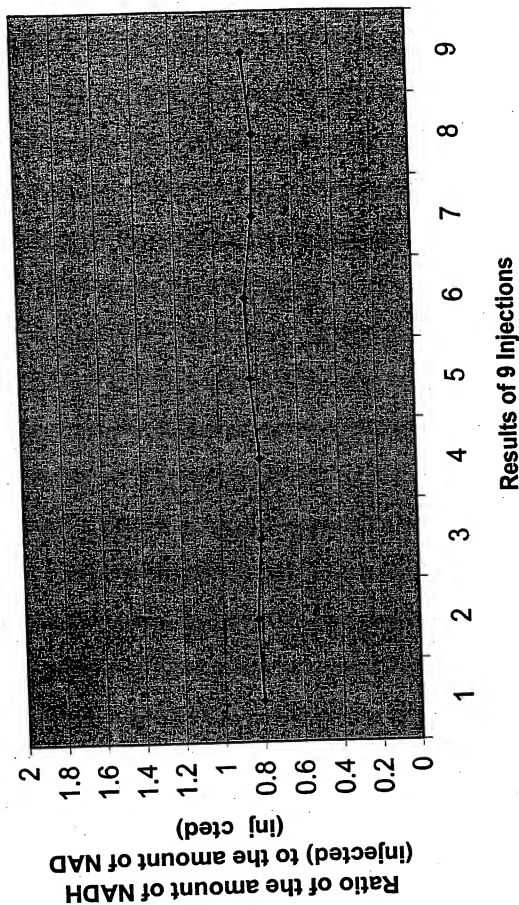


FIG. 18B

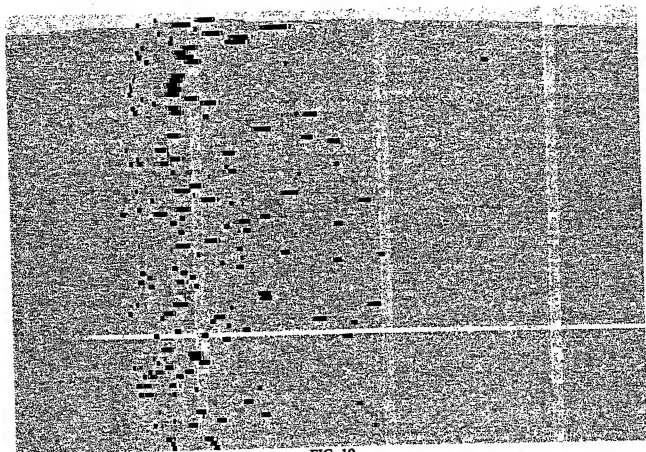


FIG. 19

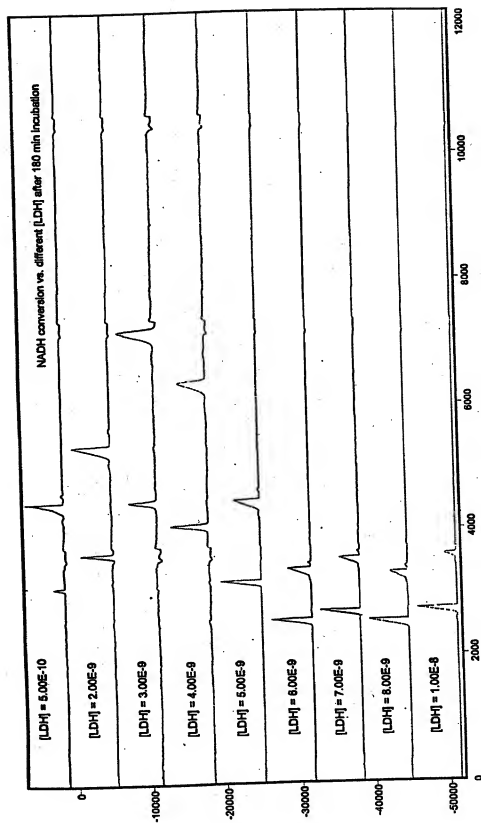


FIG. 20

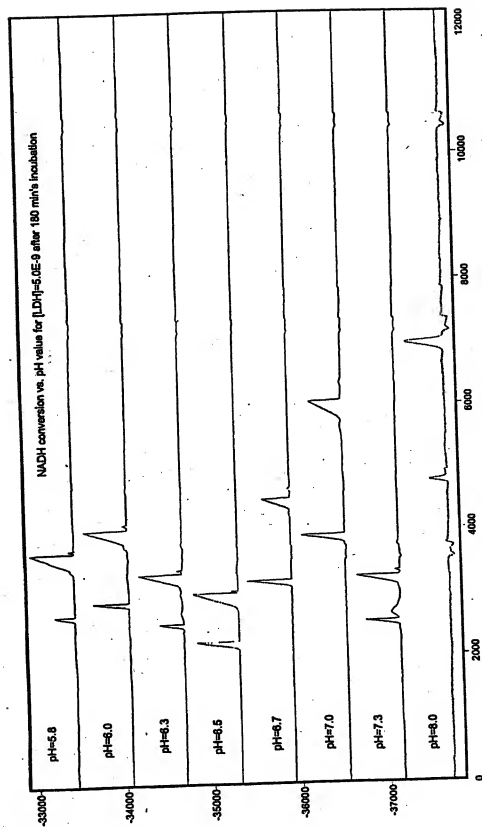


FIG. 21

180 min incubation result

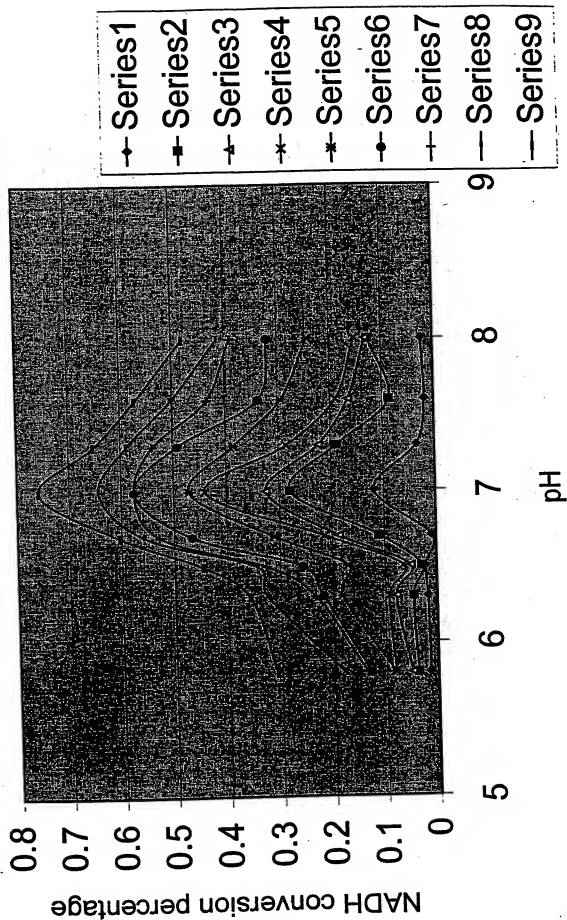


FIG. 22

LDH catalysis curve (30 min)

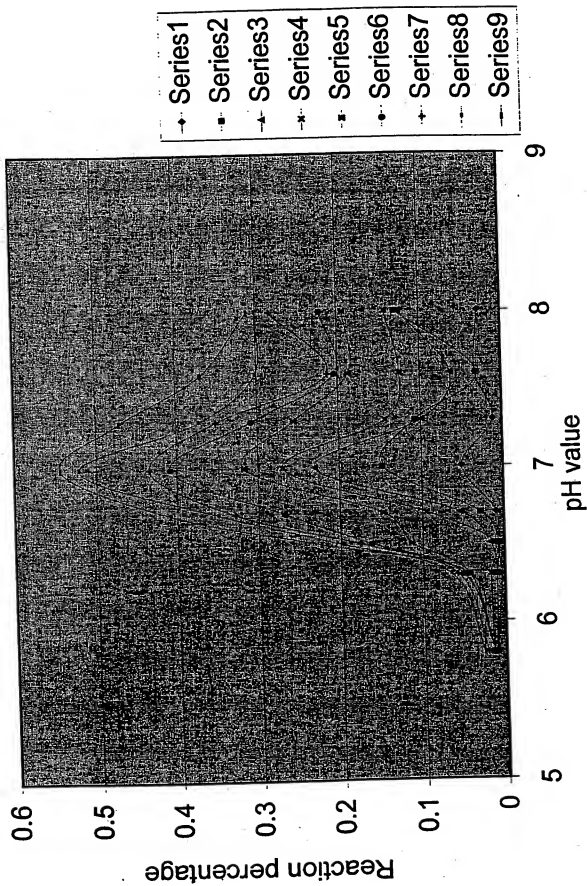


FIG. 23

LDH catalysis curve (24 hour)

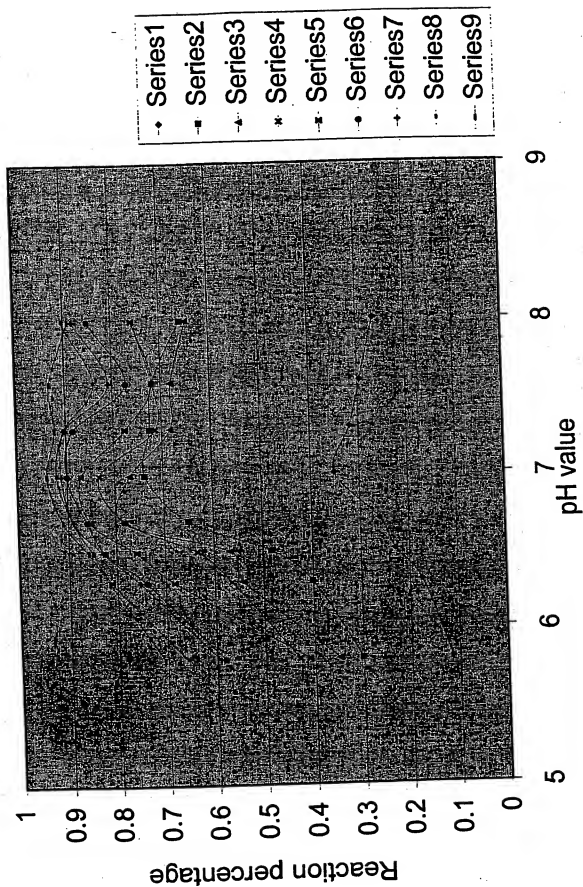


FIG. 24

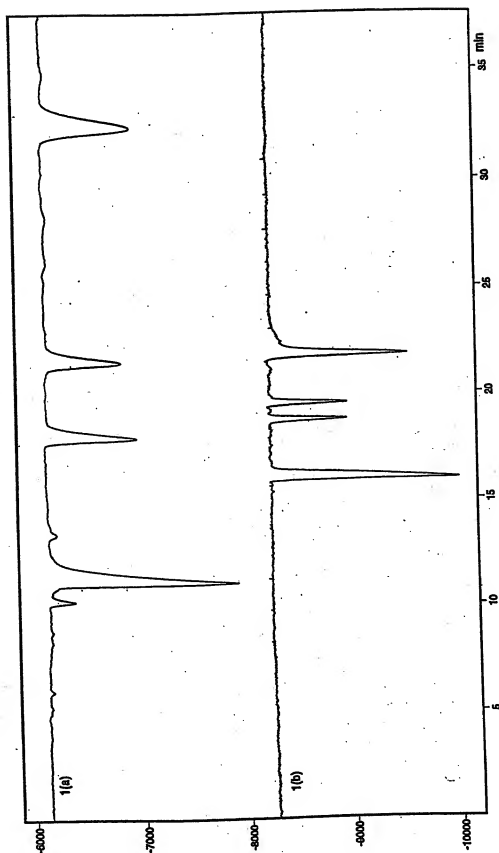


FIG. 25

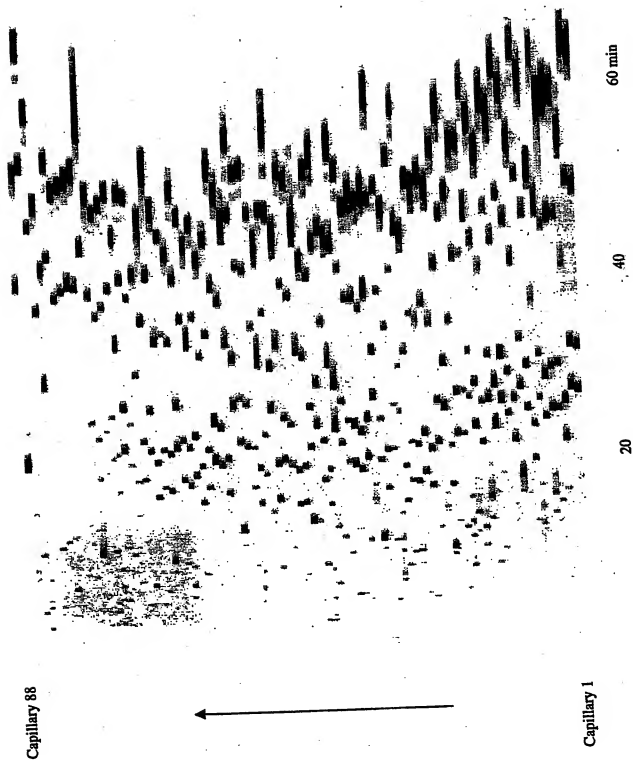


FIG. 26

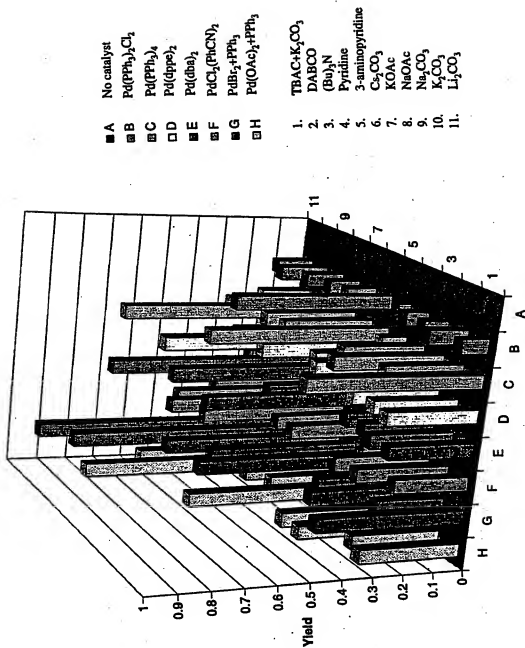


FIG. 27

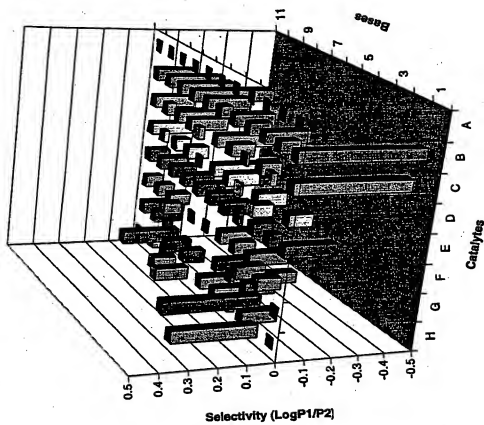


FIG. 28

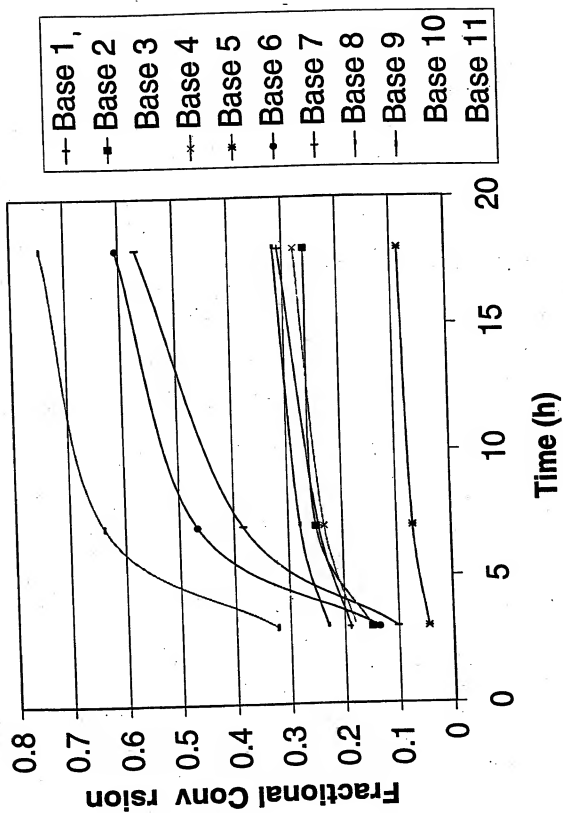


FIG. 29